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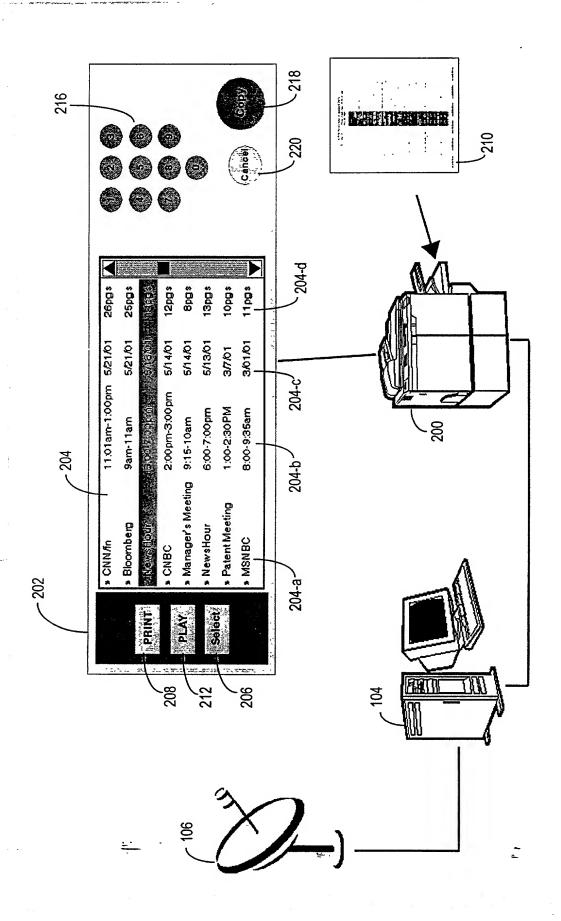


Fig. 2A

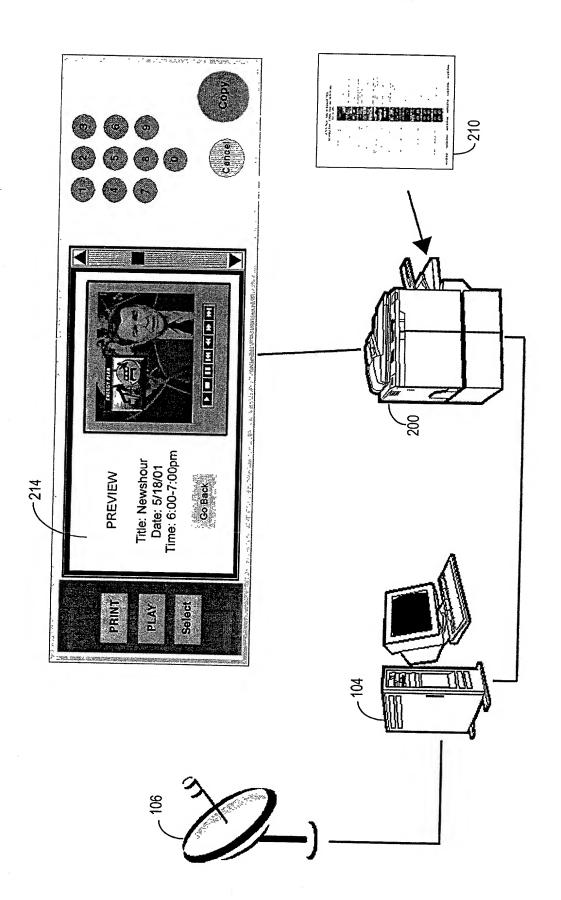


Fig. 2B

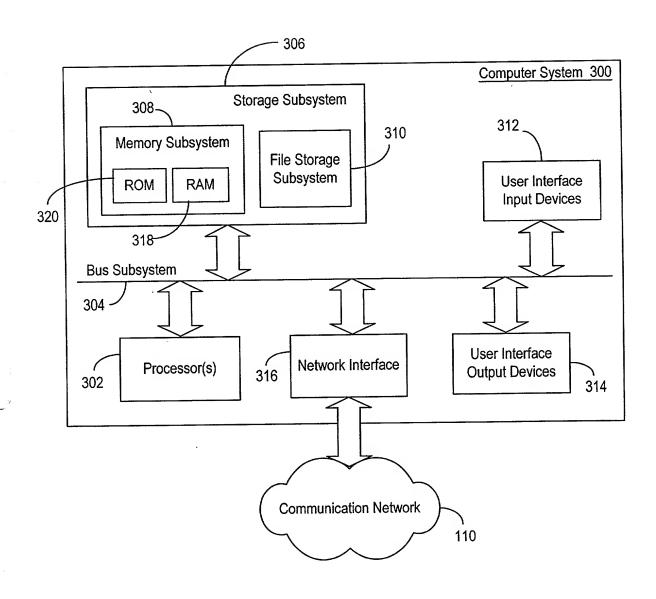


Fig. 3

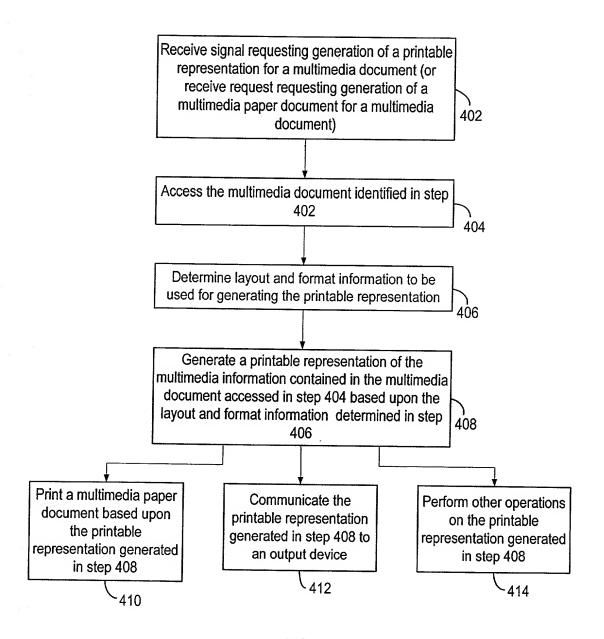


Fig. 4

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Fig. 5A

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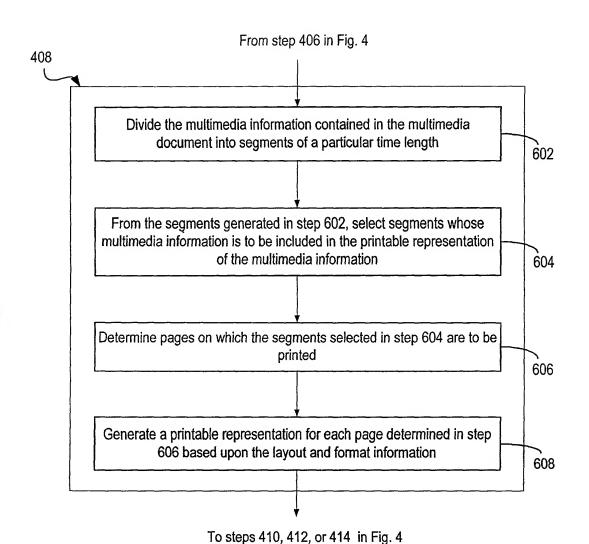


Fig. 6

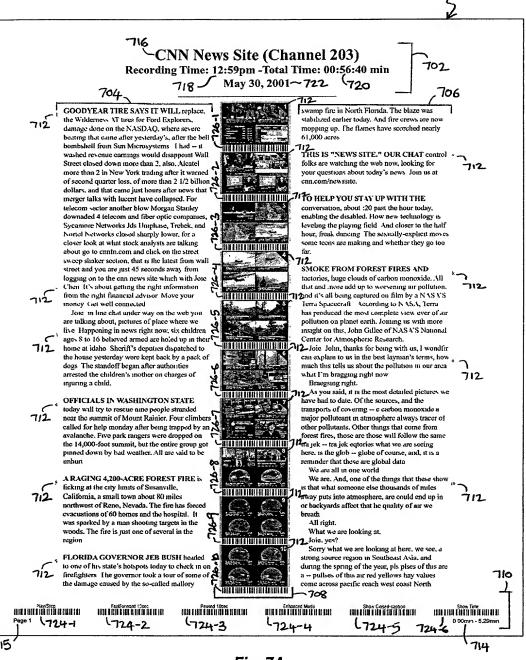


Fig. 7A

Joie: that is this a real. I mean this is a real depiction based on what NASA picked up by your terra satellite, right? in realtime That is correct.

Jose over what amount of time does it take, though?

What we are seeing, these are date that we are -- were taken between march and december of last year. We put them together to make a coherent story.

Joie: gotcha.

About 5beck -- degree by 5 degree resolution you can't see smaut -- smallest features there what you see fires in west of a aka major sources you can see, that gets caught in tropical east erleys carried across Atlantic to South America.

Joie: red spots we've got questions for you, in our live web chat underway on web right now,

I think the correction probably has to come from us. By that I mean the peoples of the world. I think we are going to have to negotiate with each other, to clean up each of us clean up the sources, because it we are in a global one world, and what's emited in asia comes to us.

while e-might goes to curope Jose relatively quickly that another question from our web chat john this is from josh, how does industrial pollution come tear to natural pollution like forest fires good point do they move as quickly are they as severe?

Industrial pollution, is about is about half of

that he total amount of compared to natural sources. Industrial is half or more. From that. And by a industrial, I ym am including manmade sources such as the fires that are especially tropics, to clear forest for agriculture

We've got another live chat question from the

I don't know the answer to that question.

Joie can you balance it, I mean proportion easterly

We produce a considerable amount of pollution, I don't have those figures at my fingertips

Joie you would say we are at high end of it I mean are we -- are we one of the world's great polluters or are other nations.

Sorry I can't hear I can't hear Can't hear Okay, unfortunately we appear to be having problems with our line to john gillee we appreciate him joining us with insight on that. And now let's take a look at the

SEE AN ANIMATION THAT SHOWS where the world's air pollution is moving at today's first hot site, provided by NASA. You can get to that site by going to our site, at cnn.com/newssite. Then click on the hot sites



PRESIDENT BUSH, CONTINUING his visit to California, defended his environmental record today. Using the ancient trees of Sequoia National Park as a backdrop, the President promised to protect what he called "these works of god" for the ages. He announced measures aimed at preserving all of America's National Parks. President Bush today we must seek best ways to achevn the common-goal leading to posterity a nation of fresh air, clean water and natural beauty. These policies arise from conviction a healthy environment is a national concern and requires an active national government.

Joie: critics blasted Mr. Bush's national energy strategy in large part because of focus on developing new oil sources and more coal and nuclear power, as well.

OFFICIALS IN CALIFORNIA ARE hoping a new power-generating plant will help ease some of the power problems in the southern part of the state. The new plant is being pressed into service one year ahead of schedule, CNN national correspondent Frank Buckley Joins us from Hemet in Riverside County, California, with more on the story. Frank, I wonder if you hear me sounds noisy in there.

It is very noisy. In here, this is the sound of electricity being generated, at the water pumping station normally this is an area used for pumping water, today, four of the pumps have been converted into turbines to help genrit electricity let me show you exactly how that is being done if you go outside we can show you Diamond Valley Lake that is a manmade lake, 800,000 scare feet acre'of water that water, usually is pumped to that location, from the Colorado River aqueduct, that is how the water gets to this location, here. That water is usually pumped into the lake, and then that water is stored for future use. The process is being reversed today, the water coming back down from the reservoir, through these pumps which have been converted into turbines, and as that water passes through those turbines electricity is being generated let me step outside, here now and show you where that water ends up as it passes through and underneath where we were just standing it comes outside here, into this holding area this reservoir, and from here, the water goes into the San Diego canal and goes on to some of the customers in Southern California who use it. This is Phil Pace the chairman of the Metropolitan Water District Mr. Pace Tell us being generate herd at this pumping station.

Our initial program right now, that returned turned on four pumps converted generate 13 megawatts of power which is translates to enough power to accommodate 13,000 homes for one year. And that is what the initial program is.

Play/Stop

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Reward 10sec

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Show Time UHII INE O NO NEO IC INCOME

Recording Time: 10:03am -Total Time: 00:29:21 min April 13, 2001

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## action in the case of the case

What they're trying to do. Yeah. Feng Shui.

766

In some ways. 0

Oh, it's such an immature deal that a lot will seem incomplete probably.

There seems to be a lot of Feng Shui experts

Yeah. Yeah. Um-hum. 🛭

You find them in a lot of places like TV My wife has this little book that she got that's called Wrong Shui.

1 It talks all about really bad ways that reach in your home.

That's great.

PI

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والمعتود ph;

4 4 fm

So three of us are going to Japan this week and Friday You, you and me.

So I think all of our arrangements are set. 0 The only thing kind of open now is how we get back to the airport on the following Thursday.

And arrangements for getting to the meeting on Thursday morning, but otherwise we will be staving in the same hotel we usually do. And staying in the same hotel we usually do. And monday morning we go to Chukan for set up, and we'll want to get there pretry well. @ It's three stops down the subway line. If we get off and kind of wander around through that neighborhood and eventually end up in the right place and do that a couple of days.

We'll do the demos .

A couple of days of demos and then Thursday morning and then we're back home after that So it should be a nice trip. Okay. So overall, all the times that we've been to Japan, that's always been kind of interesting to see, @ you know, sort of the culture and the folks there and, you know, get to know some people inside the company which is always useful. But sometimes it's, of course, different when you go to a different place. • And one of the things that is kind of hot or at least might be useful to learn about are different gestures that people make.

And I know there are some kind of culturally specific gestures that Japanese people use sometimes so before we go this time I thought I would ask Derek, given your experience. The having lived in Japan and so on if there's something that you think might be useful or interesting for us to learn about. How Japanese people express themselves.

G Well, I can think of a few gestures that they do use that you may have seen before that are fairly important. So this one is a big one.

HOR I WAS LOOK HAND HAND IN

(会議前の報款)

(会機師の構能) 仮おは何をしようとしているの? 「現本」らしいよ。 どうにか、こうにかは。 ● たっ、でも無かって下手にやっても、前切不完 全でたぶん要素ないじゃないの。 料は扱うは結婚を期間家みたいよ へっ、そうたんだ。 ● アンピでも最近とくやってるよれ。

そういえば、うちの英さんが面白いるを持って て、タイト4が「逆風水"。 "逆風水?"

● 中身は全部「この配置はもう最終! という 内容なんだって。 それは、おもころいれ

(会議本難開始)

まて、今班金曜から日本出張だね。 あなたと、君と私の3人で。

出張の手配も、もう調整あみだけど。 後は実選木曜日の帰りの空港までの道のりをど うするかだけかな?

そっだれ それと交割の木曜日の午前中日ミーティングの 予定なけど、それ以外は、前回と同じように出業 までは同しホテル仲後でいいかな それから月曜

日の概から中野にマンンのヤットアップに行くけれど、中研までは老輩に行けるよね。 ● 地下鉄 で3つ日の駅まで行って、その駅を降りてからは、 ぶらぶら歩きながら近所の住宅地を通り抜けてい くと、いつの間にのちゃんと書くところだったね、 3日即もこに通っ子定です。 我人はそこでデモを行います。 **②** 

物量2、3月間は中研でのデモ、そして木曜日の 年前中にミーアィンクして、それで帰ってくるか 建です。良い出版になると思いますよ。それに稼 行全件を通じて、毎回日本へ行くたびに、いつも 色人な蛋白い発見もあるしね。● 例えばカ ルチャーの相違や、そこにいる人々に対する 発見。またリニーセ内の人々と交流を深めるこ とは、いつも非常に有差なことだとれ。もちっ ん、行く場所が異なれば、また違った差見もある しね。 ● それかももうーつ、興味深く、少な くとも覚えておくと使える事の一つに、ジェス

その違り。 中には日本人の文化圏内でしか使わないような特

例えば日本での生活を通じて、Derek 自身が感じ た、さっと我々が知っておいた方が良いなと思う ものがあれば、是非。日本人が自分を説明すると

きの表現とか。 ● そうだね・、いくつか今回我々も毎にしそ うなかなり重要なジェスチャーは色々と思い浮か ぶけど、何えばこれなんか、重要だね。 -768

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Rewind 10sec Enhanced Mode

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770

Fig. 7C

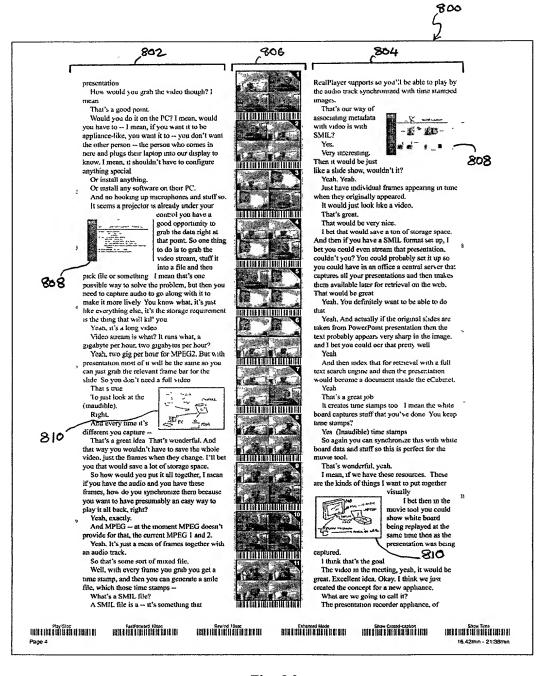


Fig. 8A

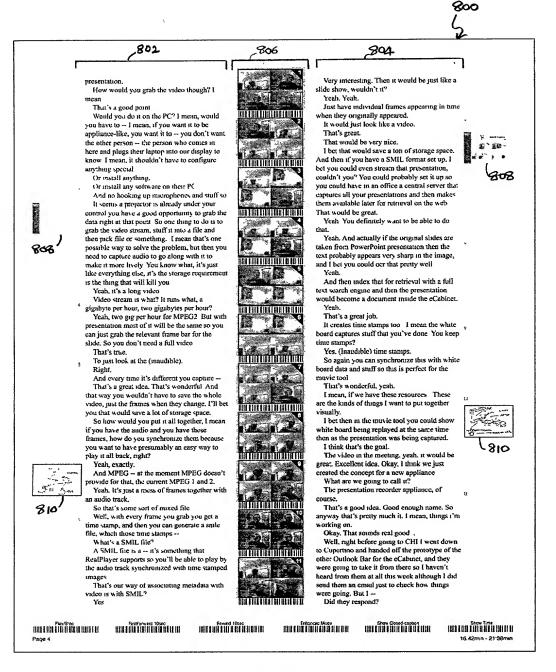


Fig. 8B

804 806 Very interesting. Then it would be just like a slide show, wouldn't it? Yeah, Yeah Just have individual frames appearing in time when they originally appeared It would just look like a video That's great That would be very nice

I bet that would save a ton of storage space And then if you have a SMIL format set up, I bet you could even stream that presentation, couldn't you? You could probably set it up so you could have in an office a central server that captures all your presentations and then makes them available later for retrieval on the web. That would be great.

Yeah. You definitely want to be able to do that. Yeah. And actually if the original slides are taken from PowerPoint presentation then the text probably appears very sharp in the image, and I bet you could our that pretty well. Q Yeah, And then index that for retrieval with a full text search engine and then the presentation En Em would become a document inside the eCabinet. Yeah. It creates time stamps too. I mean the white -B\* 10board captures stuff that you've done. You keep Stime stamps? e'e' 1 . Yes. (Inaudible) time stamps. So again you can synchronize this with white board data and stuff so this is perfect for the muyie tool That's wonderful, yeah. I mean, if we have these resources. These are the kinds of things I want to put together visually I bet then in the muvie tool you could show white board being replayed at the same time then as the presentation was being cap'ured I think that's the goal. The video in the meeting, yeah, it would be great. Excellent idea. Okay, I think we just reated the concept for a new apphance What are we going to call it?

The presentation recorder appliance, of That's a good idea Good enough name. So anyway that's pretty much it, I mean, things i'm working on. Okay. That sounds real good. Well, right before going to CHI I went down to Cupertino and handed off the prototype of the other Outlook Bar for the eCabinet, and they

800

That's our way of associating metadata with video is with SMIL? Yes. 

FastForward 105ec

802

How would you grab the video though? I

Would you do it on the PC? I mean, would you have to - I mean, if you want it to be appliance-like, you want it to -- you don't want the other person -- the person who comes in here

and plugs their laptop into our display to know, i mean, it shouldn't have to configure anything

And no hooking up microphones and stuff so. It seems a projector is already under your

control you have a good opportunity to grab the

possible way to solve the problem, but then you

need to capture audio to go along with it to make it more lively. You know what, it's just like

Video stream is what? It runs what, a gigabyte

Yeah, two gig per hour for MPEG2. But with presentation most of it will be the same so you

can just grab the relevant frame bar for the slide. So you don't need a tuil video

And every time it's different you capture --

That's a great idea That's wonderful, And that way you wouldn't have to save the whole video,

So how would you put it all together, I mean if you have the audio and you have these frames,

how do you synchronize them because you want to have presumably an easy way to play it all

Yeah, exactly.

And MPEG — at the moment MPEG doesn't

provide for that, the current MPEG 1 and 2. Yeah, It's just a mess of frames together with

Well, with every frame you grab you get a time stamp, and then you can generate a smle file, which those time stamps —

RealPlayer supports so you'll be able to play by

the audio track synchronized with time stamped

So that's some sort of mixed file.

just the frames when they change I'll bet you that would save a lot of storage space

everything else, it's the storage requirement is

the thing that will kill you.

Yeah, it's a long video

per hour, two gigabytes per hour?

That's true. To just look at the (maudible)

back, right?

an audin track

What's a SMIL file? A SMIL file is a - it's something that

data right at that point. So one thing to do is to grab the video stream, stuff it into a file and then pick file or something. I mean that's one

Or install anything.
Or install any software on their PC

That's a good point

special

Reward 10sec

Enhanced Mode Show Closed-caphon

were going to take it from there so I haven't heard from them at all this week although I did

send them an email just to check how things

were going. But I -

Did they respond?

Show Time

904 902 906 the majority of people here who are negative. Reporter; nearly all the women in the pre-36% of sexually active adults are H.I.V.-positive. natal ward-- who asked us not to show their faces-- also refused to be tested. They said if a For the population as a whole, the number is about 20% We want to keep the 80% of the general population who's H I.V.-negative, we want to mother has H I V., a doctor will tell her not to breast-feed. Then families and neighbors will know sho tested positive, and because H.I.V is stigmatized here, she could be rejected. To deal xcep them that way. The key is knowing your Reporter to that end, rapid testing centers like this one are being set up around the country. with these concerns, the government announced late last month that it will give an anti-Young health workers are also going out into the country to urge people to get tested under a program called "total community mobilization." transmission drug to all women to want it at the time they give birth, whether or not they 've been tested. This means some women who don't have The goal is to reach every household in the disease may end up taking the drug, but the consensus was that the risks a outweighed by the Botswana. The man who was the main target of this visit had already been tested. He politely benefits. But these mothers rursed still anoth concern. The drug is to save the baby, not the answered questions about whether he understands the dangers of aids, and then left to take his coule to water. He told us he knows aids cills, and is using a condom when he has sex, but his friends aren't. Reporter the government is also actively working to stop the transmission of the virus 908 from mother to child, which happens in the nterus, at birth, or while nursing.
Wel', approximately 60,000 deliveries occur each year Of those, 40% of those women are It I V-positive, so we have 24,000 HJ V-It doesn't make much sense to save the baby positive women delivering a haby each year The risk of transmission from mother to baby is and let the parents die. Reporter: Patricia Bakwinya runs a volunteer around 40%, so that gives us 9,600 babies who are born each year with H.I.V. infection. Reporter the main public hospital in organization that works with children of AIDS We used to depend on extended families, but Francistown has been providing an anti-transmission drug-- retrovir or A.Z.T -- As part now the extended families are overextended themselves. Some of the people, the relatives who are left with the children, are dying of a piloi program for the past two years Botswana got the drug cheaply with help from the manufacturer, Glavo Smith Kline, and themselves. And finally, the whole family gets wined out UNICEF, Locio Mazhani is the doctor in charge of the Natialal mother- to-child program. So (Singing) 910 when is your plan to have it available to mothers through the whole country? We are working on a target of december 2001, and so far, we have covered seven districts out of 24 health districts, so we still have a long way Reporter: these are some of those children They sing, "my mother died before I could know her. My mother died before I could even see her to go.

Reporter he said they also have a long way to go in getting women to agree to be tested Did you decode to get tested for H.J V./AIDS?

No, I didn't (Singing) 910 The kids are part of a program called shining stars, which Patricia Bakwinya and a group of Reporter: why not? I don't want to frustrate myself. volunteers have set up on the edge of francistown with some help from the U.S. Embassy, Most of the kids are orpleans. The rest are what Bakwunya calls "vulnerable children" Some of the vulnerable children are those Reporter: you'd rather not know? Reporter, why? If I know, I can kill myself, so I don't want to children whose parents have tested positive, but they're still alive, and they want their children to

900

Reporter: so even though it's possible that by net knowing, you're transmitting it to the baby,

you still don't want to know?

UNITED PROVIDED IN THE STATE OF

Entanced Mode

he prepared for come what may Every day, we

MILLE WILLIAM CHOSES -CARDOON

THE REPORT OF THE PARTY OF THE

have people bringing in children.

the majority of people here who are negative. 36° a of sexually active adults are H LV,-positive. For the population as a whole, the number is about 20%

We want to keep the 80% of the general population who's ILLV-negative, we want to seep them that way The key is knowing your

Reporter to that end, rapid testing centers like this one are being set up around the country. Young health workers are also going out into the country to urge people to get tested under a program called "total community mobilization." the goal is to reach every household in Botswana. The man who was the main target of this visit had already been tested. He politely answered questions about whether he understands the dangers of aids, and then left to take his cattle to water. He told us he knows aids kills, and is using a condom when he has sex, but his friends aren't.

Reporter: the government is also actively working to stop the transmission of the viru from mother to child, which happens in the uterus, at birth, or while nursing.
Well, approximately 60,000 deliveries occur

each year. Of those, 40% of those women are H I V-positive, so we have 24,000 H.I.V.positive women delivering a baby each year. The risk of transmission from mother to baby is around 40%, so that gives us 9,600 babies who are born each year with H.I.V. infection.

Reporter the main public hospital in Francistown has been providing an antitransmission drug-- retrovir or A Z.T.- As part of a pilot program for the past two years. Botswana got the drug cheaply with help from the manufacturer, Glaxo Smith Kline, and UNICEF. Loeto Mazhani is the doctor in charge of the Nathalal mother to-child program. So when is your plan to have it available to mothers through the whole country?

We are working on a target of december 2001,

and so far, we have covered seven districts out of 24 health districts, so we still have a long way

Reporter he said they also have a long way to go in getting women to agree to be tested. Did you decide to get tested for H.I V/AIDS? No. I didn't

Reporter why not? I don't want to frustrate myself.

Reporter: you'd rather not know?

Reporter: why?

If I know, I can kill myself, so I don't want to

Reporter, so even though it's possible that by not knowing, you're transmitting it to the baby, you still don't want to know?

No. I don't want.

Militari di Mi

Reporter: nearly all the women in the prenatal ward-- who asked us not to show their faces-- also refused to be tested. They said if a mother has H.I.V., a doctor wall tell her not to preast-feed Then families and neighbors will know she tested positive, and because H.I V is stigmatized here, she could be rejected. To deal with these concerns, the payernment anaromous late last month that it will give an antitransmission drug to all women to want it at the time they give birth, whether or not they've been tested. This means some women who don't have the disease may end up taking the drug, but the consensus was that the risks a outweighed by the benefits But these mothers raised still another concern. The drug is to save the baby, not the



It doesn't make much sense to save the baby and let the parents die.

Reporter: Patricia Bakwinya runs a voluntee organization that works with children of AIDS victims.

We used to depend on extended families, but now the extended families are overextended themselves. Some of the people, the relatives who are left with the children, are dying themselves. And finally, the whole family gets wiped out

(Singing)

Reporter: these are some of those children They sing, "my mother died before I could know her. My mother died before I could even see her

(Singing)

The kids are part of a program called shining stars, which Patricia Bakwinya and a group of volunteers have set up on the edge of Franciscown with some help from the U.S. Embassy. Most of the kids are orphans. The rest are what Bakwinya calls "vulnerable children"

Some of the vulnerable children are those some of the vulnerable children are those children whose parents have tested positive, but they're still alive, and they want their children to be prepared for come what may Every day, we have people bringing in children.

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the majority of people here who are negative 36% of sexually active adults are H.I V.-positive. For the population as a whole, the number is

We want to keep the 80% of the general population who's H.I V-negative, we want to keep them that way. The key is knowing your

Reporter: to that end, rapid testing centers like

this one are being set up around the country. Young health workers are also going out into the country to urge people to get tested under a program called "total community mobilization The goal is to reach every household in Bosswana. The man who was the main target of this visit had already been tested. He politely answered questions about whether he understands the dangers of aids, and then left to take his cartle to water. He told us he knows aids kills, and is using a condom when he has sex, but his friends aren't.

Reporter: the government is also actively working to stop the transmission of the virus from mother to child, which happens in the uterus, at birth, or while nursing.
Well, approximately 60,000 deliveries occur

th year. Of those, 40% of those v ILI V.-positive, so we have 24,000 ILI Vpositive women delivering a baby each year. The risk of transmission from mother to baby is around 40%, so that gives us 9,600 habies who are born each year with H.I V. infection.

Reporter: the main public hospital in Francistown has been providing an antitransmission drug-- retrovir or A.Z.T .-- As part of a prior program for the past two years Botswana got the drug eneaply with help from the manufacturer, Glaxo Smith Kline, and UNICEF, Locto Mazham is the doctor in charge of the Natialal mother- to-child program. So when is your plan to have it available to mothers through the whole country?

We are working on a target of december 2001, and so far, we have covered seven districts out of 24 health districts, so we still have a long way

Reporter: he said they also have a long way to go in getting women to agree to be tested. Did you decide to get tested for H.LV/AIDS?

No, I didn't Reporter: why not?

I doe't want to frustrate myself.

Reporter: you'd rather not know?

Reporter: why?

If I know, I can kill myself, so I don't want to

Reporter: so even though it's possible that by not knowing, you're transmitting it to the baby, you still don't want to know? No, I don't want

Reporter nearly all the women in the prenatal ward—who asked us not to show their faces—also refused to be tested. They said if a mother has H I.V., a doctor will tell her not to breast-feed 'Then families and neighbors will know she tested positive, and because H.I.V is sugmatized here, she could be rejected. To deal with these concerns, the government announced late last month that it will give an anti-transmission drug to all women to want it at the time they give birth, whether or not they've been tested. This means some women who don't have the disease may end up taking the drug, but the consensus was that the risks a outweighed by the benefits. Hut these mothers raised still another concern. The drug is to save the baby, not the mother.

Im asking myself why the another is not purected. Shels the one who is supposed to take care of that baby. What about if she dies?

1930

It doesn't make much sense to save the baby and let the parents die.

Reporter Patricia Bakwinya runs a volunteer organization that works with children of AIDS

We used to depend on extended families, but now the extended families are overextended themselves Some of the people, the relatives who are left with the children, are dying themselves And finally, the whole family gets wiped out.

(Singing) 7910

Reporter, these are some of those children. They sing, "my mother died before I could know her, My mother died before I could even see her

(Singmg)

The kids are part of a program called shining stars, which Patricia Bakwinya and a group of volunteers have set up on the edge of Francistown with some help from the U S. Embassy. Most of the kids are orphans. The rest are what Bakwinya calls "vulnerable children."

Some of the vulnerable children are those children whose parents have tested positive, but they're still alive, and they want their children to be prepared for come what may. Every day, we e people bringing in childr

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Fig. 9C

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Joie: that is this a real, I mean this is a real depiction based on what NASA picked up by your terra satellite, right? in realtime That is correct.

Jose over what amount of time does it take.

though?

What we are seeing, these are date that we are last year. We put them together to make a coherent story

Jose: gotcha

About Sheek - degree by 5 degree resolution you can't see smaul -- smallest features there what you see fires in west of a aka major sources you can see, that gets caught in tropical east crieys carried across Atlantic to South America.

Jose red spots we've got questions for you, in our live web that underway on web right now, I think the correction probably has to comfrom us. By that I mean the peoples of the

world. I think we are going to have to negotiate with each other, to clean up each of us clean up the sources because it we are in a global one world, and what's emited in asia comes to us, while e-might goes to europe.

Jose: relatively quickly that another question

from our web chat john this is from josh, how does industrial pollution come tear to natural pollution like forest fires good point do they move as quickly are they as severe?

Industrial pollution, is about is about half of that he total amount of compared to natural sources Industrial is half or more. From that, And by a industrial, I ym am including manunade sources such as the fires that are especially tropics, to clear forest for agriculture.

We've got another live chat question from the

I don't know the answer to that question. Jose can you balance it, I mean proportion easterly

We produce a considerable amount of pollution; I don't have those figures at my ngertips

Joie: you would say we are at high end of it I mean are we -- are we one of the world's great polluters or are other nations Sorry I can't hear I can't hear

Okay, unfortunately we appear to be having problems with our line to john gillee we appreciate him joining us with insight on that. And now let's take a look at the.

SEE AN ANIMATION THAT SHOWS where the world's air pollution is moving at today's first hot site, provided by NASA. You can get to that site by going to our site, at cnn com newssite. Then click on the hot sites



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117

PRESIDENT BUSH, CONTINUING his visit to California, defended his environi today. Using the ancient trees of Sequoia
National Park as a backdrop, the President
promised to protect what he called "these works
of god" for the ages. He announced measures aimed at preserving all of America's National Parks. President Bushloday we must seek best ways to achieve the common-goal leading to posterity a nation of fresh air, clean water and natural beauty. These policies arise from conviction a healthy environment is a national concern, and requires an active national government.

Joie: entics blasted Mr. Bush's national energy strategy in large part because of focus on developing new oil sources and more coal and nuclear power, as well.

OFFICIALS IN CALIFORNIA ARE hoping a newhower-generating plant will help case some of the bower problems in the southern part of the state. The new plant is being pressed into service one year ahead of schedule. CNN national correspondent Frank Buckley joins us from Hemet in Riverside County, California, with more on the story. Frank. I wonder if you hear ounds noisy in there.

It is very noisy. In here, this is the sound of electricity being generated at the water pumping station normally this is an area used for pumping water, today, four of the pumps have been converted into turbines to help generi electricity let me show you exactly how that is being done if you go outside we can show you Diam Valley Lake that is a manmade lake, 800,000 scare feet acre of water that water, usually is pumped to that location, from the Colorado River aqueduct, that is how the water gets to this location, here. That water is usually pumped into the lake, and then that water is stored for future use. The process is being reversed today, the water coming back down from the reservoir, through these pumps which have been converted into turbines, and as that water pesses through those turbines electricity is being generated let me step outside, here now and show you where that water ends up as it passes through and underneath where we were just standing it comes outside here, into this holding area this reservoir, and from here, the water goes into the San Diego canal and goes on to some of the customers in Southern California who use it. This is Phil Pace the chairman of the Metropolitan Water District Mr. Pace Tell us being generate herd at this pumping station.

Our initial program right now, that returned turned on four pumps converted generate 13 megawatts of power which is translates to enough power to accommodate 13,000 homes for one year. And that is what the mitial program is.





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Topic Of Interest	Keywords & Phrases	Video Features	Weight
Terrorism	Osama	Face recognition: Osama Bin Laden	0.7
	Afghanistan	Text recognition: Afghanistan	0.6
	*	Building recognition: * OR Crowd recognition: *	0.1
Company XYZ	Suzuki	Face recognition: John Suzuki	0.8
	*	Building recognition: * AND (Logo recognition: XYZ OR Text recognition: XYZ)	0.75
Football	Buffalo Bills	Face recognition: Jim Kelly OR Face recognition: Marv Levy	0.9

Fig. 11

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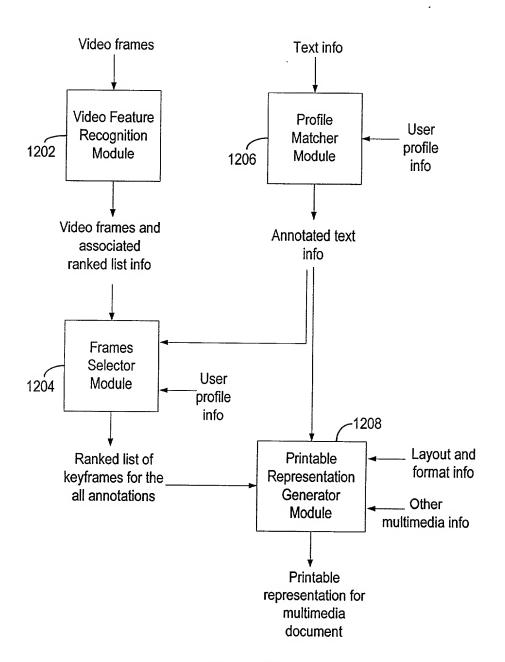


Fig. 12

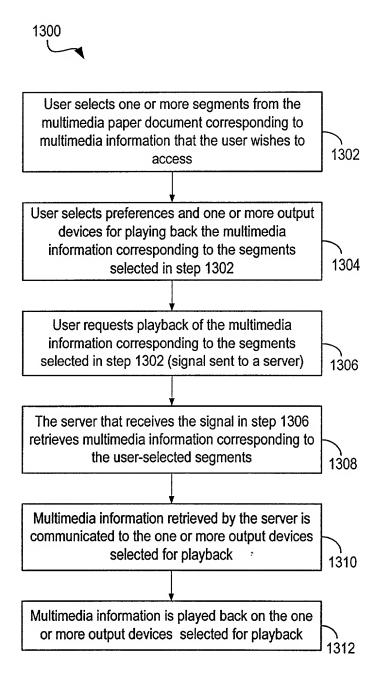


Fig. 13A

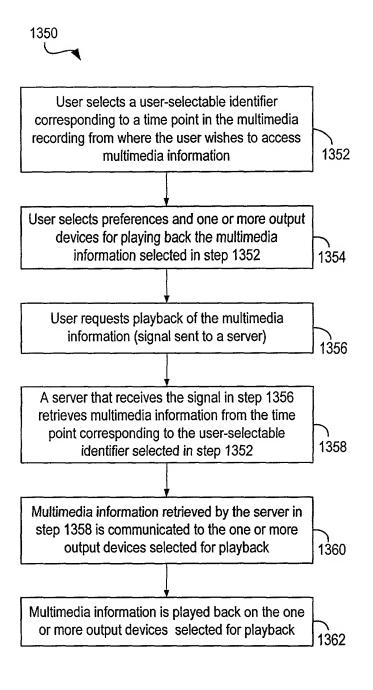


Fig. 13B

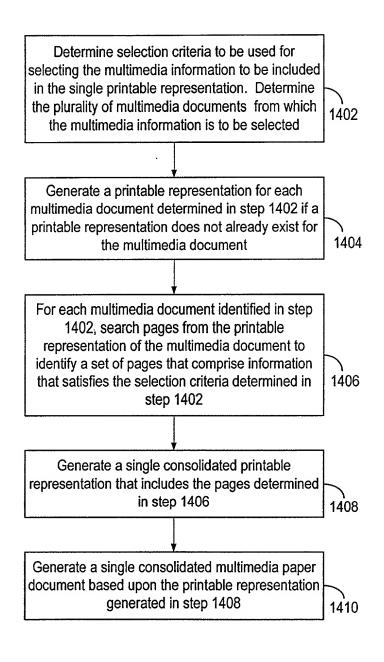


Fig. 14

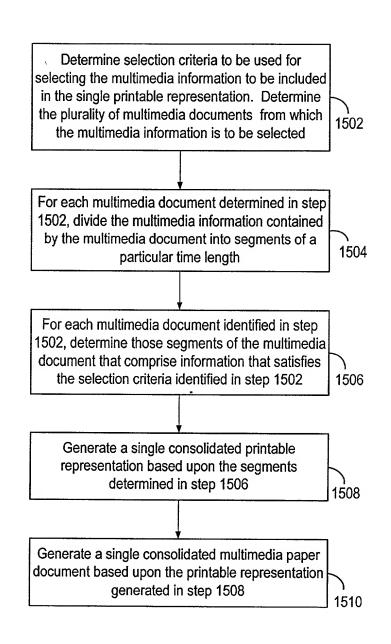


Fig. 15

And eventually you will have, more pumps converted into turbines and 40,000 megawatts,

That is 12 pump facility when we get on-line with all of them we will be able to generate enough power for 40,000 bonnes. And that in addition to our consentation programs and agreement that we entreed an interest with state of California to shut off our jumping plants, along Colorado River aqueduct when power is needed will generate about 150 megawats of power from the state, that is quile a bit

And you had to accelerate program or chose to accelerate program to convert pumps into turboips if supposed to take another year wasn't it, Initially, we planned to come or-line with the

Initially, we planned to come or-line with the unital facility, a year from this next summer, and, because of the power crisis, and, all problems that we are having here in California, especially southern California we made a concerted effort to come on-line as quickly as possible and credit to our engineers to ail our staff and our people, that we were able to accomplish this rather quickly

All right Pail Paic chairman of board of the Metropolitan Water District Southern California thanks — very much for joining as we appreciate it sit that is just one small part of the energy pizzzle in southern California Joic, 40,000 megawatts not enough to power all of southern California of course, 34 million residents, here in southern California but during peak demand days, it could make a difference Joic.

Joie Frank we've got a quiex question from you since you are now able to hear us and on outside of the plant inside of inside quick question, from our web cha, andience

How much will it relieve the crisis you have to put it into perspective, and, at the immediate moment, we are talking about 13,000 homes, that is not a lot. In terms of as we say in big neture with 34 million residents but, as the peak demand countinues, or a very hot day in Southern Cattlema as the serve da indies that is amount or electricity surplus that Cattlema harks each inegavant begins to count and the point here, that is being made by the Metropolitan Water District is every singling when mate counts as you get closer and closer to end of that reserve, and so 13 megawatis today, may not mean that much of a difference, eventually when they bring 40 on, that could make a very big

Jose Frank Buckley for us enjoying desert out there riverside county Ca'iforna thanks very, nuch next hot site California energy soop opera get more about that, with help of this site. Main page of California Energy Cominission You can access that site by coming to our site at one com/newssite and clicking on the hot sites feature

FOLGH WORDS TODAY FROM Attorney General John Ashroft to Oklahoma City bumber Tamothy Mexeigh. Ashroft responded to Mexeigh's attorneys' expected move to file a mattor seeking to postpone the June 11th execution. In a statement, Ashroft has already postponed the execution date once to give Mexeigh's lawyers time to review scores of FBI documents that were never turned over during the bormbing trail.

AN ALGERIAN MAN CONVICTED in the U.S. Pentagon second highest state of alert—Pentagon officials insist the higher a en status was not repeat not related to the embasy bombings trail in New York, yestenday of course four men were convicted in 1998 bombings two of U.S. Embassis in East Africal defense attorneys began arguments today against impose the death penalty in the case, two of those convicted, could be sentenced to death

SPECIFICALLY FOUR MEN WERE convicted cove spring with Osaara Bill Eden to kill Americans, it is believed that Bull Eden is in Afghanistan U.S. Government offered a five million dollar rewed for information in a leads to his arrest, today, a spokesarian for the Jalibar the millishal that controls most country, said Washington has produced no evidence. Inking Bull Eden to embassy book to bombings that individual spoke via videophone to group of international journalists at CNN world report conference held here in Atlanta

Osaria Bill Eden is -- was creation of United

Ocaria Bh. Laden is -- was creation of United States used. Expect were instigated to coince in Afghan, stan and fight soviets. In 1970s, 80s, and these people were called heroes, By your president like Mr. Ronald Reagan and Dick Cheney, they were called heroes up -- of independence because fighting their cause all of a sudden have turned into terrorists we don't know as to wint is definition of terrorist in the United States Because, how can the justify trying to kill man without even giving fina a fair trial? How can you justify that the United States tried to kill Bird safet without even telling us that he is a terrorist or be a skeed of terrorism. Jose: Ocaria Bird Jaden is one of 13 men still

Jose: Champelin Laden is one of 13 men shi wanted in the Emilessay-Dophing case. And Algerian man convicted in United States a— of plotting emiles in reportedly told said the Los Angeles International Arport was to have been a target. "The Los Angeles Times" says Alimed: Ressurin had planned to place a large bomb at the airport.



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Megraw, along with other big names like Brities Spears and N'syne on board to record prayers for a spoken word CD, which will accompany the Pontiff's next book project. "The private prayer books of Pope John Paul II" will be released in

### YOU DON'T HAVE TO WAIT UNTIL

November to have a religious experience at the record store. Christian musicians are selling millions of albums to an ever-grown congregation of fans, and as CNN'S Bill Tush reports, whether they prefer light pop or heavy metal, more and more music fans are finding

### NO LONGER IS CHRISTIAN MUSIC

something you hear coming from a revival tent. and it's not hallelujahs and amons either. It's Christian music with a beat, like hip-hop of the Surpetones, or rock influenced like the girl group Point of Grace.

It's broken into different genres. You've got Christian rap. You've got Christian pop, which is what we are. You got gospel. So many different things to choose from

On Christian music charts, point of grace can rival any pop group, with 21 number-one singles grammy nominations, and enough awards to fill a trophy room, much of it ode to

more and more radio play.

Especially now, even with like satellite.

There's satellite signals, so they can touch more. Christian tour dates are on the rise. The Australian-born dues boys headline the festival

It's the first ever multicity traveling It's a portable amphitheater It holds 6,000 to 10,000 people. And it's the first ever music and extreme sports festival So we've got, you know, 10 bands playing. At the same time, you've got these guys jumping these motorcross bikes. And when Carmen, the superstar in the field,

set up a concert on the beach for spring break, thousands came, even though MTV and "Playboy" were right next to them. Christian music legend Michael W. Smith has sold millions of records on his label dedicated to the

genre. And these guys opened for Billy Graham.

A lot of people would think, how can this fit in rock music? how can you guys get that crowd in rock music? how can you guys get mat crowd jumping up and down and thrashing around, and then you sing about god? This is just—this is werd. But, n's just—it's the way that we communicate though the kids.

Their latest single, "escape from reason," just been added to the mrv to-play list. And

what's the message?

Just purely the message of the Gospel and

And it doesn't mean that you can't join the

band for the same reason most guys do
A lot of musicians go out there and it's like, I want the money, I want the fame, I want to be on this TV show and the cover of this magazine, and those aren't bad things. But with us, it's all about hoping that the people who come to our

shows walk out of there with changed lives Bill Tush, CNN Entertainment News, New

## AMEN. IF YOU'VE BEEN PRAYING for

more news on your favorite stars, we just might have the answer. Come visit us any time, day or night, at cnn.com/showbiztoday, where we religiously bring you the latest news from around the world of showbiz. In our showbiz today reports right here tomorrow. We'll take you to the premiere of a brand new season of hbo's saucy "sex and the city." I'll see you then. Now, back to the city of Atlanta and that saucy

Joie: thank you very much.

#### SETTLING AN OLD SCORE OVER NAZI slave labor in World War II. Also, the rocky road tolf

Joie, from the place where they bring you news from all around the world we take a look at international news. Germany agrees to pay more than S4 billion to people forced to do slave 'abor for the Nazis. Hundreds of thousands survivors will each get about \$67,000.

## IN THE PHILIPPINES, SEARCHERS find some personal belongings from the 23 people taken hostage by muslim rebeis. Still no word on where they are being held, and the rebels say they'll kill the hostages if the army tries to

## A CAR BOYB EXPLODED EARLIER today in the Israeli city of Netanya. The blast took place outside of a technical school, but the school was deserted at the time. No major injuries were reported. The Islamic sthad group claimed responsibility for the attack, the fourth

Joie: you quat to know where it is

measurerable today in pretty muggy in the city of Atlanta pretty picture outside the CNN Center today in a moment we jooirs good afternoon Severe weather on the map again today. Looking at severe weather watches from Mexico to Arkansas, Rainy weather in the midwest and cool in New England. Overall not so nice acros parts of plains states. We have couple watches to pass along from Colorado to New Mexico to Texas panhandle until 8:00 p m. An in tornados watch across red remember in effect until 9:00 p.m. Very unstable air ahead of area of low pressure pushing eastward through tonight.
Warm, moist arm could mean thunderstorms in



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# The Newshour, (PBS, Channel 233)

Start Time: 6:01pm - Record Time: 00:54:49min

June 5, 2001

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The comeback of Silvio Berlusconi in Italy, It all follows our summary of the news this Tuesday. Major funding for the Newshour with Jim Lehrer has been provided by: imagine a world where we're not diminishing resources; we're growing them. Ethanol, a cleaner burning fuel made from corn. A.D.M., The nature of what's to come. And by the Corporation for Public Broadcasting. This program was also made possible by contributions to your pbs station.

Lehrer, the Federal Reserve cut a key interest rate again today. Its open market committee lowered the federal funds rate half a point to 4%-- the lowest in seven years Banks charge that rate on overnight loans to each other. It was the fifth reduction this year. In a statement, the fed said it still saw weakness in the economy, leaving open the possibility it might cut ra again House Democrats today announced their alternative to President Bush's energy plan. They gathered at a gas station near the Capitol, and said they'd increase production and reduce demand. They called for federal caps on electricity prices, restrictions on drilling in federal lands, and tax incentives for energy efficient cars and homes. House minority leader Gephardt said it was a balanced approach
We believe we can have more than adequate

supplies of energy and save our environment at the same time if we do the right things in research on renewables, on consentation, and on new sources of energy in high technology. We do not accept the belief that this administration apparently has that we have to drill our way out of this problem

Lehrer President Bush is to announce his plan on Thursday. It's expected to put greater emphasis on finding more energy and building more production capacity, plus taking a new look at nuclear power. He has opposed price

A runaway freight train rolled across northwest Ohio for nearly an hour today. It was unmanned as it crossed at least two counties and downtown Bowling Green at speeds of up to 45 miles per hour Police said the southbound CSX train got away while the engineer was operating a switch at a stop near Toledo. It finally slowed, and a company official man to climb in and stop it, about 55 miles from columbus. C.S.X. Said the cargo abourd the 47 car train included a non-explosive industrial

acid. No one was injured. In the middle east today, thousands of

Palestinians protested the anniversary of Israel's tounding in 1948, and ficrce fighting erupted across the West Bank and Gaza. We have a report from Louise Bates of Associated Press television news.

Reporter, more than 30,(KX) Palestinians

marched on the main square of the west bank town of Nablus in the largest demonstration against Israel seen for several years. The event was organized to mark ALNagha? meaning The Great Catastrophes That's the name Palestinians give the anniversary of the creation of the state of Israel in 1948. (Gunfire) many of the demonstrators headed to Israeli check points after the rallies. When an Israeli soldier removed a Palestinian flag, he was jeered by the angry crowd. At a traffic circle near Ramailah, a regular flashpoint during the Intifada, clashes with Israeli soldiers turned violent. Across the west bank and gaza, four Palestrians were killed and more than a hundred were injured. ( Guntire

Lehrer: since that report was filed, Palestinian doctors put the number of wounded at more than 200, and the Israeli military said an Israeli woman was killed in the west bank after mehtfall. In Jerusalem today, a Palestinian bus driver was convicted of murdering eight Israelis last February. He drove his bus into a crowd near Tel Aviv It was the single deadliest incident since the current violence began last September

Back in this country today, more aggressive treatment of high cholesterol was proposed today by a federal medical panel. It had been convened by the National Institutes of Health The group of experts said the change could triple the number of people who take cholesterol-lowering drugs and dramatically reduce deaths from heart disease. But they said doctors need to nake it a higher priority.

There is a clear undertreatment of people who need cholesterol lowering. That is a chronic problem. We have put out guidelines and information and said that this deserves aggressive attention, and we have to do more to make it easy to implement all of these guidelines and make it possible to apply them in actual

Lehrer, it's estimated more than 50 million Americans have high cholesterol. The new guidelines recommend different tests to screen for the problem. They also revise the recommended levels for good and bad cholesterol. We'll have more on this story later in the program tonight. Married couples with



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Recording Time: 5:00pm -Total Time: 00:59:59 min September 14, 2001

One week has passed since terrorist attacks destroyed the World Trade Center and damaged the Pentagori and hope for finding survivors in the rubble is fading fast. Tonight, the latest on the investigation and plans for a possible retaliation. I in Chris Matthews, Welcome to a special edition of "Hardball" Captioning by the national captioning institute - www.ncicap.org.

5.422 people are still missing in the rubble of the World Trail- Center and New York Mayor Rudy Giuliani doesn't expect anymore

The chances of recovering any live human beings are very, very small now. Given the amount of time and the condition of the site Those chances are not totally, however, ended or over so, we will -- we will still conduct ourselves as a rescue effort as well as a recovery effort

Today, the nation stopped at 8:48 this morning, the time the first plane hat to mark the tragic events of one week ago. [sirens] At the White House, President Bush pressed

forward, vowing to extinguish terrorism and hading the American people.

Today, I herald the soul and spirit of America

with live examples of people who've made a huge difference and those who suffer and those who hurt This is a great land It's a great land because our people are so decent and strong and compassionate

Meanwhile, Attorney General John Ashcroft says other hijackers could still be at large. So far, at least 75 people have been detained and questioned about the attacks and four arrested on material wairsaits Among those detain reasonable doubt two men who were carrying box cutters, and large amounts of cash who were pulled off a train in Texas. And a man detained in Minnesota prior to the attack who aroused in winnescea prior to the attack who aroused suspicion for trying to buy time on a jet simulator, despite a lack of flight experience. In Afghanistan, refugees continue to pour out of the country, expecting a U.S. attack. Afghanistan's ruling Faithan says it hasn't ruled out the possibility that Ourna bin Laden was behind last week's attacks. But it wants proof before it hands over hin Laden Even so, Defense Secretary Donald Rumsfeld says the surrender that the tracks of the country of the

leaders, even a single terrorist organization or network. It's a broad network of individuals and organizations that are determined to terrorize and, in so doing, to deny us the very essence of

what we are -- free people

This hour, we're going to get reaction from former Senator Warren Rudman, plus we'll go over the military game plan with Barry Mcafter ree and Alexander Harg. And talk to Donald. Marry run on how President Bush is handling. this crisis and we begin this hour at ground zero with NBC's Chip Reid Horrible news today,

right?
Well, absolutely, Chris. This is the sixth day in a row that they have not pull add single live person out of that rubble. You can see over my shoulder it is still burning actively. The smoke is pouring out of there. The conditions for the rescue worker are still horrendous and they are now going through an agonizing process, officials are, at trying to decide at what point do you just decide this is no longer a rescue effort where you're looking for people alive and it becomes a recovery effort where you're simply looking for bodies? Some officials think it's better to declare, at some point, it's over. So think it's better to just let the families come to that conclusion on their own, Rudy Giuliani today said that there is a very, very small chance of finding people alive in there. At the same time, he said there is still a rescue effort. He does not want to squash hope completely, but on the other hand, he want it is families to come to the conclusion that the chances of finding their loved ones in there alive are very, very slim indeed. One other point they made today, Rudy Guliani and other officials said, they're pleading with the public not to come down here because they have been coming down in droves to take pictures, see the site. Maybe it is part of the mourning or graeving process for people generally, but it is interfering with the part of the rescue workers in there. They want this site to be kept open so that the vehicles carrying bodies and equipment in and out will not be impeded by people down here taking picture Chris?

Thank you very much, NBC's Chip Reid at

ground zero. For the latest on the plans of a possible military stribling, we get this report from NBC's Jim Miklaszewski at the Pentage

U.S. Marines dressed for combat leave their base in Okinawa today. The Army's 82nd Airborne at Fort Bragg, North Carolina They play a major role in any U.S. invasion of Alghanistan.

They're waiting for a call to arms. And they're ready to go and answer i it Donald Rumsfeld says when it comes to America's self-defense, all options are on the

may not matter much. Our adversaries are not one or two terrorisi

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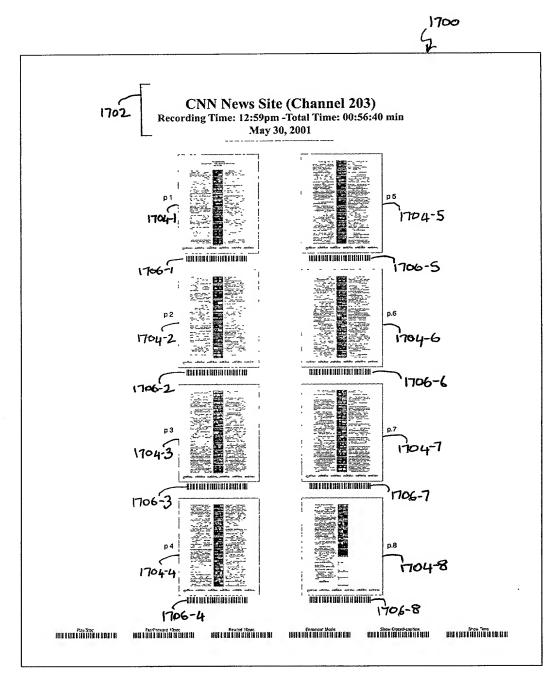


Fig. 17

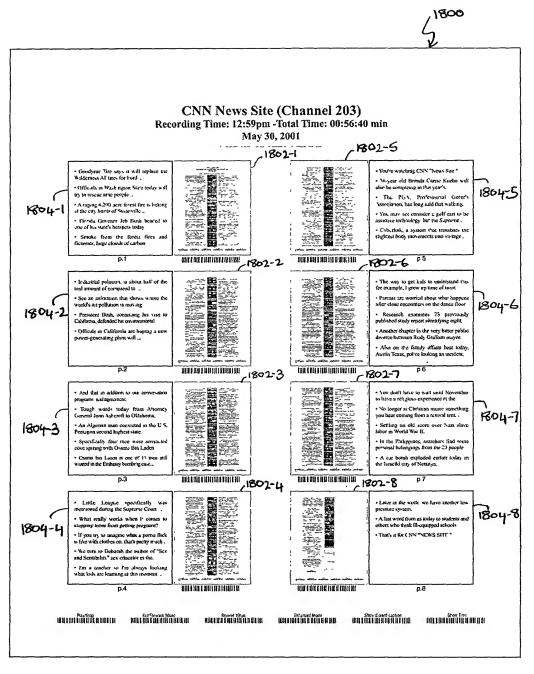


Fig. 18

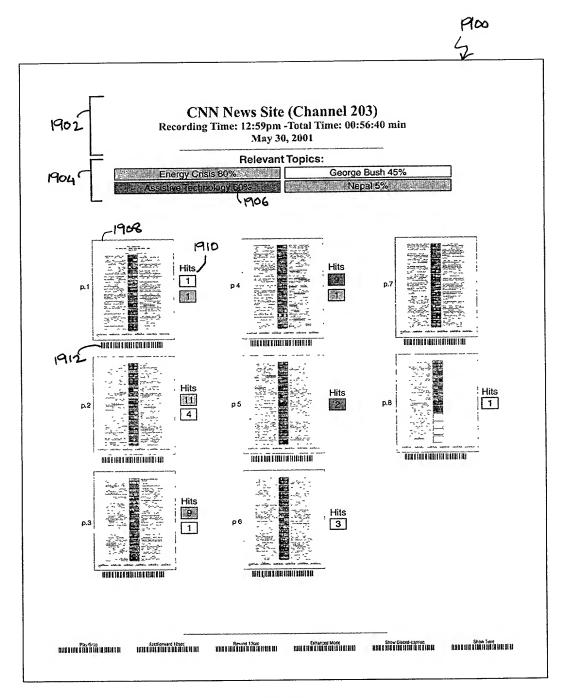


Fig. 19

Topic(s): CNN News Site (Channel 203) Recording Time: 12:59pm -Total Time: 00:56:40 min: May 30, 2001 2004 2004 2,000 2∞€ Newshour (PBS, Channel 233) Recording Time: 6:01pm -Total Time: 00:54:49min; June 5, 2001 2006 2008 Hardball (CNBC, Channel 356) Recording Time: 5:00pm -Total Time: 60:59:59 min; September 14, 2001 2008 September 25, 2001 Range: May 1, 2001 - September 20, 2001

Fig. 20

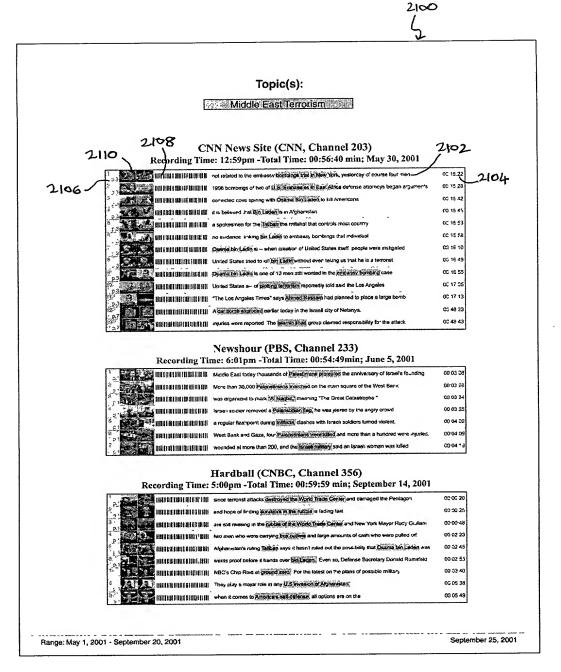


Fig. 21

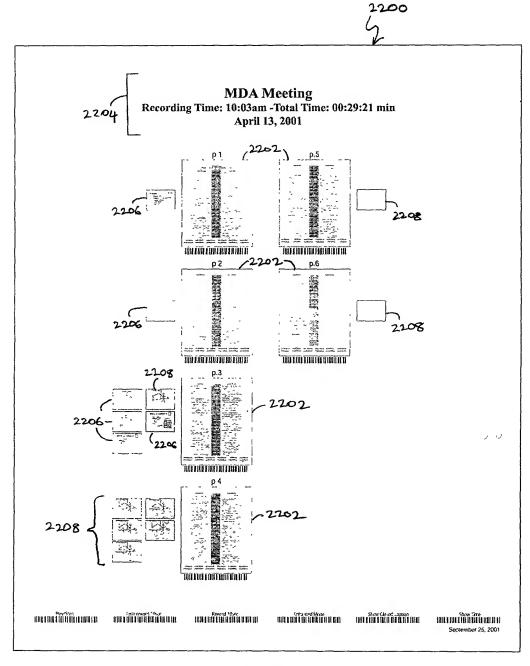


Fig. 22